

VX1000PRO

ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR

The VX1000 Pro is an all-in-one controller combining video processing and video control functionalities into a single device. Equipped with 10 Ethernet ports, it supports three working modes: video controller, fiber converter, and ByPass. Capable of managing up to 6.5 million pixels, the VX1000 Pro can output at a maximum width of 10,240 pixels and a height of 8,192 pixels, making it perfectly suited for controlling ultra-wide and ultra-high LED screens on-site.

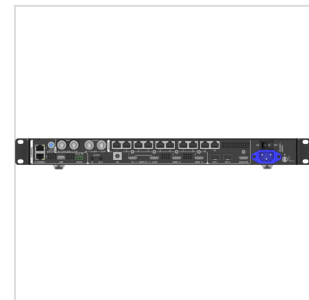
The VX1000 Pro boasts powerful video signal reception and processing capabilities, supporting a maximum resolution of 4Kx2K@60Hz for video input. It can handle multiple video signal inputs and includes features like 6 layers, output scaling, low latency and pixel-level brightness and chroma calibration. These functions combine to deliver outstanding image display quality.

With various control options available, the VX1000 Pro can be operated via the front panel knob, NovaLCT, Unico and VICP app, providing you with a convenient and effortless control experience.

The VX1000 Pro is housed in an industrial-grade casing, which, combined with its powerful video processing and transmission capabilities, makes it robust and well-suited for complex operational environments. The VX1000 Pro is a perfect fit for medium and high-end rental, stage control systems and fine-pitch LED screens.



qxEHjdBx6k9x1779700895_4.png



VX1000PRO

ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR

PRODUCT DETAILS

KEY FEATURES

A comprehensive range of input and output connectors

Self-adaptive OPT 1 for either video input or sending card output

Audio input and output with adjustable volume

Flexible screen configuration without rectangle restriction on a single Ethernet port

Low latency and ByPass modes to eliminate latency

Output synchronization

Import and export EDID files

Easy preset saving and loading

Multiple layer display with adjustable size, position, priority and aspect ratio

OSD function

3D function

Supports three kinds of image scaling modes, including full screen, pixel to pixel and custom

Powerful video processing based on SuperView III image quality processing technologies

Supports USB playback for instant plug-and-play convenience

Various working modes: Video controller, Fiber converter and ByPass

Multiple Control Option (from front panel knob to web and App control)

End-to-end backup

Ethernet port backup test

Data saving after power failure

VX1000PRO

ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR

24/7 rigorous stability under extreme high and low temperatures

SPECIFICATIONS

Max Loading Capacity	6.5 million pixels
Max Width	10,240 pixels
Max Height	8,192 pixels
Capacity per Ethernet Port	650,000 pixels (at 8-bit)
1x HDMI 2.0: Resolution up to 4096x2160@60Hz; loop-through supported	
2x HDMI 1.3: Resolution up to 1920x1080@60Hz	
1x 3G-SDI	ST-424, ST-292, and ST-259 standards; loop-through supported
1x OPT 1: 10G self-adaptive fiber port (Input or Output)	
1x USB 3.0: Integrated media player for files up to 3840x2160	
10x Gigabit Ethernet Ports	Main outputs to the LED screen
2x 10G Fiber Ports	OPT 1 (Main), OPT 2 (Copy or Backup)
1x HDMI 1.3 Monitoring	Fixed output at 1920x1080@60Hz
1x 3D Connector	For direct connection to 3D emitters
Layer Management	Up to 6x 2Kx1K layers; supports 4Kx2K and 4Kx1K layers
Latency	0 frames in Bypass or Fiber Converter mode; 1-2 frames in Video Controller mode (with Low Latency enabled)
Scaling	SuperView III technology for seamless scaling
Calibration	Pixel-level brightness and chroma calibration
Control Interfaces	2x Ethernet, 1x USB Type-B (for PC and cascading up to 5 units), Genlock IN/LOOP, RS232
Light Sensor Port	For automatic ambient brightness adjustment

VX1000PRO

ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR

Audio	Independent 3.5 mm Input/Output; sampling rate up to 48 kHz
Power Supply	100-240V~, 50/60Hz, 2A-0.8A
Rated Power Consumption	44 W
Noise Level	45 dB (A) at 25°C
Dimensions	482.6 mm x 302.2 mm x 50.1 mm
Net Weight	3.9 kg
Operating Environment Temperature	0°C to 50°C
Operating Environment Humidity	5% to 85% RH, non-condensing
Storage Environment Temperature	-10°C to 60°C
Storage Environment Humidity	5% to 95% RH, non-condensing